

Bicycle Drive Train

Abstract of Disclosure

A drive train for a bicycle includes a housing mounted in a bicycle frame with a pedal assembly attached to a drive shaft fixably mounting a plurality of different diameter drive elements, the drive shaft is journaled in and between the housing cover plates. A driven shaft is also journaled in and between the housing cover plates. The driven shaft mounts a plurality of rotatably unfixed different diameter driven elements, with the driven shaft rotationally coupled to a bicycle rear wheel. A plurality of connection elements rotationally couples the plurality of different diameter drive elements to the different diameter driven elements, wherein a single connection element rotatably couples a single drive element to a single driven element that are in alignment. Also, a means for rotatably engaging a selected single driven element to the driven shaft to establish a selected rotational ratio between the drive shaft and the driven shaft.

Figures